

Recombinant Human HSPB9, His-tagged

Cat. No. HSPB9-15832H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HSPB9 protein, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
ProteinLength	1-159aa
Description	HSPB9, also known as CT51, belongs to the small heat shock protein (HSP20) family. Localizing to the cytoplasm as well as the nucleus, HSPB9 is expressed specifically in the testis.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 50% glycerol, 0.2M NaCl, 2mM DTT
Molecular Mass	19.6 kDa (179aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MQRVGNTFSN ESRVASRCPS VGLAERNRVA TMPVRLLRDS PAAQEDNDHA RDGFQMKLDA HGFAPPEELVV QVDGQWLMVT GQQQLDVRDP ERVSYRMSQK VHRKMLPSNL SPTAMTCCLT PSGQLWVRGQ CVALALPEAQ TGPSRLGSL GSKASNLTR
Purity	>85% by SDS - PAGE
Applications	SDS-PAGE

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Storage	Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	HSPB9 heat shock protein, alpha-crystallin-related, B9 [Homo sapiens]
Official Symbol	HSPB9
Synonyms	HSPB9; heat shock protein, alpha-crystallin-related, B9; heat shock protein beta-9; cancer/testis antigen 51; CT51; small heat shock protein B9; FLJ27437;
Gene ID	94086
mRNA Refseq	NM_033194
Protein Refseq	NP_149971
MIM	608344
UniProt ID	Q9BQS6
Chromosome Location	17q21
Function	protein binding;